#### PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHOR	RITY		BECIDA 2 SEP 2005
To: CAROL TITUS 3900 NEWPARK MALL RD. THIRD FLOOR, SUITE 317 NEWARK, CA 94560		WRI INTERNATIO	WIPO POT TTEN OPINION OF THE DNAL SEARCHING AUTHORITY
			(PCT Rule 43bis.1)
		Date of mailing (day/month/year)	08 SEP 2005
Applicant's or agent's file reference		FOR FURTHER	See paragraph 2 below
BEL1125PCT International application No.	international filing date	(day/month/year)	Priority date (day/month/year)
International apparent			22 January 2004 (22.01.2004)
PCT/US05/02600 2 International Patent Classification (IPC) or	24 January 2005 (24.01. hoth national classificat	ion and IPC	
IPC(7): A61F 7/00 and US C1.: 607/105, 1 Applicant	113		
BELSON, AMIR			
1. This opinion contains indications relati	ing to the following iten	ns:	
Box No. I Basis of the o	ppinion		
Box No. II Priority			
Box No. III Non-establish	nment of opinion with re	egard to novelty, inv	entive step and industrial applicability
Box No. IV Lack of unity	y of invention		
Box No. V Reasoned sta applicability;	tement under Rule 43bis citations and explanation	s.1(a)(i) with regard ons supporting such	to novelty, inventive step or industrial statement
Box No. VI Certain docu	ments cited		
Box No. VII Certain defec	cts in the international a	pplication	
Box No. VIII Certain obser	rvations on the internati	onal application	
International Preliminary Examining Authority other than this one to be it that written opinions of this Internation	he IPEA and the chosen onal Searching Authorit	IPEA has notified to y will not be so cons	
mailing of Form PCT/ISA/220 or be	efore the expiration of 2	itten opinion of the mendments, before 2 months from the pr	IPEA, the applicant is invited to submit to the the expiration of 3 months from the date of ciority date, whichever expires later.
' For further options, see Form PCT/I	ISA/220.		
3. For further details, see notes to Forn	n PCT/ISA/220.		
Name and mailing address of the ISA/ U	S	Authorized offi	cer ·
Mail Stop PCT, Attn: ISA/US		Roy D. Gibson	Diane Smal f
Commissioner for Patents P.O. Box 1450		Telephone No.	•
Alexandria, Virginia 22313-1450		Telephone 140.	

Pacsimile No. (703) 305-3230
Form PCT/ISA/237 (cover sheet) (January 2004)

International application No.	
PCT/US05/02600	

Box No	. I Basis of this opinion
it was	regard to the language, this opinion has been established on the basis of the international application in the language in which filed, unless otherwise indicated under this item.
	This opinion has been established on the basis of a translation from the original language into the following language.  Which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).
2. With claime	regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the discount on the basis of:
a.	type of material
	a sequence listing
	table(s) related to the sequence listing
b.	format of material
	in written format
	in computer readable form
· c.	time of filing/furnishing
	contained in international application as filed.
	filed together with the international application in computer readable form.
	furnished subsequently to this Authority for the purposes of search.
з. 🗌	In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Addi	tional comments:
1	
1	

Form PCT/ISA/237(Box No. I) (January 2004)

Form PCT/ISA/237 (Box No. V) (Jamary 2004)

International application No. PCT/US05/02600

tatement			
Novelty (N)	Claims	1-22	YB
Moverty (14)		NONE	NC
Inventive step (IS)	Claims		YE NO
	Claims	NONE	NCNC
	(**)	1.22	YE
Industrial applicability (IA)	Claims	NONE	NC
	Claims	1101112	
ms 1-22 meet the criteria set out in PCT Articl be made or used in industry.	le 33(4), and th	ns having industrial applicabili	ity because the subject matter clain
·			
·			

#### PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHOR	ITY		peop 1.2 deb page
To: CAROL TITUS 3900 NEWPARK MALL RD. THIRD FLOOR, SUITE 317 NEWARK, CA 94560	·	WRI INTERNATIO	WIPO POT TTEN OPINION OF THE DNAL SEARCHING AUTHORITY
	•		(PCT Rule 43bis.1)
		Date of mailing (day/month/year)	08 SEP 2009
Applicant's or agent's file reference		FOR FURTHER	See paragraph 2 below
BEL1125PCT International application No. In	ternational filing date (	day/month/year)	Priority date (day/month/year)
International appropria	4 January 2005 (24.01.2		22 January 2004 (22.01.2004)
PCT/US05/02600 2 International Patent Classification (IPC) or	both national classificati	on and IPC	
i			
IPC(7): A61F 7/00 and US C1.: 607/105, 1 Applicant	15		
BELSON, AMIR			
1. This opinion contains indications relati	ng to the following item	os:	
Box No. I Basis of the o	pinion		
Box No. II Priority			1, 1,775
Box No. III Non-establish	ment of opinion with re	gard to novelty, inv	entive step and industrial applicability
Box No. IV Lack of unity	of invention		ļ
Box No. V Reasoned state applicability;	ement under Rule 43 <i>bis</i> citations and explanatio	.1(a)(i) with regard ns supporting such	to novelty, inventive step or industrial statement
Box No. VI Certain docum	nents cited		
<del> </del>	ts in the international ap	plication	
l <b>L</b>	vations on the internation		
International Preliminary Examining Authority other than this one to be the that written opinions of this Internation	e IPEA and the chosen mal Searching Authority	IPEA has notified to will not be so cons	
mailing of Form PCT/ISA/220 or bel	fore the expiration of 22	tten opinion of the mendments, before months from the pr	IPEA, the applicant is invited to submit to the the expiration of 3 months from the date of ciority date, whichever expires later.
For further options, see Form PCT/IS	3/Li 220.		•
3. For further details, see notes to Form	PCT/ISA/220.		
Name and mailing address of the ISA/ US		Authorized offic	cer
Mail Stop PCT, Attn: ISA/US Commissioner for Patents		Roy D. Gibson	Diane Smoth
P.O. Box 1450 Alexandria, Virginia 22313-1450		Telephone No.	

Facsimile No. (703) 305-3230
Form PCT/ISA/237 (cover sheet) (January 2004)

International application No.
PCT/US05/02600

D. M. I. Besig of this enjagen
Box No. I Basis of this opinion
1. With regard to the language, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
This opinion has been established on the basis of a translation from the original language into the following language, which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).
2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
a. type of material
a sequence listing
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in written format
in computer readable form
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furnished subsequently to this Authority for the purposes of search.
In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:
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Form PCT/ISA/237(Box No. I) (January 2004)

International application No. PCT/US05/02600

ox No. V Reasoned statement under Rul applicability; citations and expl	anations supp	orting such statement	
Statement			
Namely (NT)	Claims	1-22	YB
Novelty (N)		NONE	NO
			YE
Inventive step (IS)	Claims	•	
	Claims	NONE	
Industrial applicability (IA)	Claims	1-22	YE
·	Claims	NONE	NC
Citations and explanations:	le 33(2)-(3), bec	ause the prior art does not teach	or fairly suggest an apparatus i
ucing therapeutic hypothermia comprising, eat exchanger configured to exchange heat with roduce fine ice particles into the flow of breathi			particle generator configured to
ntaining the fine ice particles to a patient.			•
aims 1-22 meet the criteria set out in PCT Artic	le 33(4), and th	us having industrial applicability	because the subject matter clair
n be made or used in industry.			. '
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#### PATENT COOPERATION TREATY

From the			
INTERNATIONAL SEARCHING To:	AUTHORITY		FCT2 SEP 2005
CAROL TITUS 3900 NEWPARK MALL RD.			WIPO PCT
THIRD FLOOR, SUITE 317		WR	TTEN OPINION OF THE
NEWARK, CA 94560		INTERNATIO	ONAL SEARCHING AUTHORITY
			(PCT Rule 43bis.1)
		Date of mailing (day/month/year)	08 SEP 2009
Applicant's or agent's file referen	nce	FOR FURTHER	ACTION See paragraph 2 below
BEL1125PCT International application No.	International filing date	(day/month/year)	Priority date (day/month/year)
	24 January 2005 (24.01		22 January 2004 (22.01.2004)
PCT/US05/02600	n (IPC) or both national classifica	tion and IPC	
i			
IPC(7): A61F 7/00 and US Cl.: Applicant	60//103, 113		
BELSON, AMIR			
1. This opinion contains indica	ations relating to the following iter	ms:	
Box No. I Bas	sis of the opinion		
	ority		
t		egard to novelty, inv	entive step and industrial applicability
Box No. IV La	ck of unity of invention		
Box No. V Re	asoned statement under Rule 43 <i>bi</i> plicability; citations and explanati	s.1(a)(i) with regard ons supporting such	to novelty, inventive step or industrial statement
Box No. VI Ce	artain documents cited		
Box No. VII Ce	ertain defects in the international a	pplication	
Box No. VIII Ce	ertain observations on the internati	ional application	
2. FURTHER ACTION		•	the applicance to be a written opinion of the
International Preliminary	nal preliminary examination is ma Examining Authority ("IPEA") one to be the IPEA and the choser is International Searching Authorit	IPEA has notified t	l be considered to be a written opinion of the sonot apply where the applicant chooses an the International Bureau under Rule 66.1bis (b) idered.
If this opinion is, as provi	ded above, considered to be a wr	itten opinion of the	IPEA, the applicant is invited to submit to the the expiration of 3 months from the date of riority date, whichever expires later.
mailing of Form PCT/ISA  For further options, see For	orm PCT/ISA/220.		
3. For further details, see no			
		Authorized offi	сет
Name and mailing address of the Mail Stop PCT, Attn: It	SA/US	Roy D. Gibson	· Diane Smith
Commissioner for Pater P.O. Box 1450	its	1	
F,U, BUA 1450	010 1460	Telephone No.	571-272-4767

P.O. Box 1430 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230 Form PCT/ISA/237 (cover sheet) (January 2004)

International application No.

PCT/US05/02600

Box No. I Basis of this opinion
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4. Additional comments:
Form PCT/ISA/237(Box No. I) (January 2004)

International application No. PCT/US05/02600

applicability; citations and expla				
	Claims	1.22		YE
Novelty (N)		NONE		NC
	0111111			
Inventive step (IS)	Claims	1-22		YE
•	Claims	NONE	·	NC
Y to a full amplitude little (TA)	Claims	1-22		YE
Industrial applicability (IA)		NONE		N(
Citations and explanations:				
ims 1-22 meet the criteria set out in PCT Articl be made or used in industry.	le 33(4), and th	s having industrial appl	licability because the st	ibject matter clair
be made of deed in industry.				
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